

167

MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE, DOMINION OF CANADA

FEBRUARY 1935

TEMPERATURE

Temperatures averaged very considerably higher than the normal on the western plains but nearly normal in the region of the Lower Great Lakes and generally below normal in eastern Canada.

In British Columbia the excess over normal temperature was three to five degrees in the coastal valleys, three to eight degrees in the southern interior valleys and eight to nineteen degrees in the northern interior. Over the grain region of the western provinces the excess was generally about fourteen degrees. In southwestern Alberta, however, the excess was eighteen to twenty-two degrees while some parts along the northern margin of the wheat area in Saskatchewan and Manitoba reported excesses of eighteen to twenty degrees.

In western Ontario from the Lake of the Woods to the Abitibi River excess over normal temperature ranged from six to thirteen degrees along the Height of Land and four to eight degrees along Lake Superior and on the James Bay slopes.

At some points in the Georgian Bay-Lake Huron region mean temperatures were a little below normal while on the shore of Lake Erie and locally on the Lake Ontario shore there were excesses of one to three degrees. Generally in the Ottawa and Upper St. Lawrence valley the excess was one to two degrees.

In Quebec along the St. Lawrence valley and in the Laurentian Highlands mean temperatures varied from a little below normal to two degrees below normal. In the region of the Gulf and along the North Shore temperatures varied from normal to two degrees below normal.

In the Atlantic Provinces temperatures were below normal except at the entrance to the Bay of Fundy and the extreme southwestern tip of Nova Scotia. In central New Brunswick the deficiency reached to four or even six degrees. In Prince Edward Island the deficiency was three degrees. In Cape Breton Island and on the outer coast of the Nova Scotian mainland as far as Halifax the deficiency was also two degrees. In the region of the Bay of Fundy and the Basin of Minas the deficiency was one degree.

In the Yukon the excess over normal temperature was ten to eighteen degrees and in the lower Mackenzie valley from eight to seventeen degrees. In the upper Mackenzie valley and the region of Great Slave Lake the excess was sixteen to twenty degrees.

In the Hudson Bay region the excess over normal temperature on the western coast varied from three degrees at Chesterfield to twelve degrees at Churchill. The northern part of the east coast and Hudson Strait was somewhat cooler than normal.

PRECIPITATION

In British Columbia the precipitation was quite generally below the normal amount. The amount of the deficiency varied very considerably with districts. On the northern coast from one-half to two-thirds of the normal amount were recorded. On Vancouver Island the deficiency ranged from twenty-five to sixty per cent. over a portion of the southern district. In the interior valleys of the south some points reported no precipitation while deficiency of at least fifty per cent. appeared to be fairly general. In the northern interior valleys the deficiency was less pronounced.

Over the wheat region the total precipitation was generally one to three-tenths of an inch although some points in the foothills of southern Alberta reported half an inch to one inch. During February in this region the normal precipitation is between a half and three-quarters of an inch in Alberta and Saskatchewan and slightly more in Manitoba. The month was, therefore, relatively dry.

In western Ontario from the Lake of the Woods to the Temiskaming-Abitibi region the total precipitation was little more than half an inch although the normal amount for February is in the neighborhood of one and a half inches. In the Lower Lake region we have a little less than two inches reported from the Lake Huron slopes and from two to two and a half inches in the region of Lakes Erie and Ontario. The deficiency on the Lake Huron slopes was about twenty-five per cent. while in the Lake Erie-Lake Ontario region the deficiency was generally less than ten per cent. In the Upper St. Lawrence and Lower Ottawa region there were excesses of twenty-five to thirty-five per cent. locally but in the region immediately west of Ottawa City into the interior of the eastern highlands there was a moderate deficiency.

In western Quebec from the confluence of the St. Lawrence and Ottawa Rivers as far downstream as Quebec City there was a general excess over normal precipitation, varying very considerably locally from ten to thirty per cent. From Quebec City along the Lower St. Lawrence and the Gulf precipitation was below the normal amount, at several points barely more than half the normal.

Precipitation was above normal in southwestern New Brunswick, parts of the Annapolis valley, and in Cape Breton Island. In southwestern New Brunswick the excess reached as high as forty per cent. locally while in parts of the Annapolis valley the excess was five to sixty per cent. and in Cape Breton Island about twenty per cent. Charlottetown reported an excess of about thirty per cent. Elsewhere in the Atlantic Provinces there were deficiencies which reached as high as thirty-five per cent. in northern and central New Brunswick and ranged from three to twenty per cent. in southern and southwestern Nova Scotia.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Tm is the mean temperature of the current month; Column Sg denotes depth of snow on ground in inches, where given.

BRITISH COLUMBIA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Cowichan Bay.....	52°	27°	1.6	101		Estevan Point.....	53°	28°	8.9	44°		Greenwood.....	51°	4°	0.5		
Duncan.....	57°	20°	3.3			Prince Rupert.....	52°	-2°	3.5	63	40°	Kaslo.....	45°	13°	0.8		31°
Goldstream Lake....			4.8			Prince George.....	52°	-2°	1.5	84	28°	Cranbrook.....	44°	-3°	0.0		
Shawnigan Lake.....	54°	24°	2.9			New Westminster....	55°	27°	3.4	106		Kamloops.....	55°	18°	0.2	112	35°
Sooke.....	56°	25°	2.9			Vancouver.....	57°	25°	3.7	94	43°	Salmon Arm.....	47°	15°	1.1	58	
Victoria.....	54°	30°	0.8	107	44°	Oliver.....	50°	18°	0.3	92		Glacier.....	38°	3°	2.7		
Courtenay.....			4.9			Summerland.....	47°	18°	0.3	106		Golden.....	44°	-11°	1.0		
Nanaimo.....	54°	25°	2.5	92		Vernon.....	45°	15°	0.7	96		Atlin.....			0.6		27°

ALBERTA

STATION	H	L	P	I	Tm	Sg	STATION	H	L	P	I	Tm	Sg
Beaverlodge.....	48°	-3°	0.8	139	26°		Red Deer.....	59°	-14°	0.2		21°	
Fairview.....	48°	-7°	0.2	117	24°		Beaver Mines.....	58°	-6°	0.4		33°	
Grande Prairie....	47°	-22°	0.7		18°		Calgary.....	60°	-8°	0.5	162	31°	
Rycroft.....	51°	-21°	0.5		28°		Cardston.....	58°	-8°	0.4		32°	
Entrance.....	64°	-10°	0.3		31°		Clareholm.....			0.4			
Grouard.....	47°	-21°	0.2		18°		Cowley.....			0.4			
High Prairie.....	54°	-19°	0.1		26°		Glassford.....	50°	-6°	0.2		22°	
Alsask.....	43°	-15°	0.0		18°		Groton.....			0.6			
Camrose.....	47°	-18°	0.0		21°		Lethbridge.....	63°	-1°	0.7	171	32°	T
Edmonton.....	53°	-8°	0.2	156	25°		Lyndon.....			0.4			
Hughenden.....	48°	-19°	0.1		21°		Macleod.....	62°	-12°	0.3		34°	
Rocky Mountain House	47°	-6°	0.3		21°		Medicine Hat.....	52°	-4°	0.2	159	24°	2
Vermilion.....	44°	-10°	0.2		18°		Raymond.....	60°	-10°	0.6		31°	
Viking.....	43°	-22°	0.0		18°		Seven Persons.....			0.1			
Wetaskiwin.....	50°	-11°	0.0		24°		Strathmore.....	57°	-10°	0.5		28°	
Eckville.....	59°	-22°	0.2		20°		Waterton Park....			1.2			
Hanna.....	47°	-9°	0.0		18°		Exshaw.....	54°	-1°	0.8		29°	
Jenner.....	45°	-27°	0.4		20°		Lake Louise.....	40°	-18°	0.5		16°	

SASKATCHEWAN

Anglia.....	43°	-16°			17°		Moose Jaw.....	47°	-4°	0.1	132	22°	
Battleford.....	41°	-28°	0.1		13°	8	Muenster.....	39°	-28°			13°	
Biggar.....	44°	-15°			17°		Qu'Appelle.....	44°	-16°	T	147	18°	2
Scott.....	33°	-29°	0.3	115	13°		Regina.....	37°	-18°	T		12°	6
Waseca.....	41°	-19°	0.1		18°		Regina (Exp. Sub. Station)	38°	-18°	0.1		12°	
Dundurn.....	43°	-25°	0.1		15°		Strasbourg.....	42°	-22°	T		16°	
Harris.....	46°	-10°	0.2		17°		Whitewood.....	39°	-21°	0.1		16°	
Prince Albert.....	44°	-18°	0.2		16°	5	Beechy.....	45°	-13°			19°	
Saskatoon.....	41°	-21°	0.1		15°		Chaplin.....	41°	-16°			17°	
Nipawin.....	47°	-22°	0.2		16°		Climax.....			0.3			
Carlyle.....	44°	-26°	0.1		11°		Gravelbourg.....	44°	-20°	0.5		19°	
Ceylon.....			0.2				Leader.....	43°	-21°	0.1		17°	
Davidson.....	39°	-23°	0.0		14°		Leitchville.....			0.2			
Fort Qu'Appelle....	55°	-23°	0.1		15°		Maple Creek.....	55°	-6°	0.1		27°	
Francis.....	39°	-18°			13°		Nashlyn.....	42°	-16°	0.1		15°	
Grenfell.....	42°	-17°			17°		Outlook.....	44°	-22°			14°	
Humboldt.....	38°	-15°			12°		Pennant.....	44°	-11°	0.2		20°	
Indian Head.....	45°	-15°	0.1		17°		Rockglen.....			0.2			
Kamsack.....	38°	-30°	0.1		11°		Rosetown.....	42°	-20°			15°	
Lintlaw.....	42°	-19°	0.2		15°		Shaunavon.....	50°	-9°			26°	
Lumsden.....	42°	-12°			16°		Strongfield.....			0.0			
Maskakee Springs (Dana)	39°	-13°			12°		Surprise.....	46°	-15°	0.5		20°	
Midale.....	41°	-22°			16°		Swift Current.....	47°	-12°	0.3	165	25°	3

MANITOBA

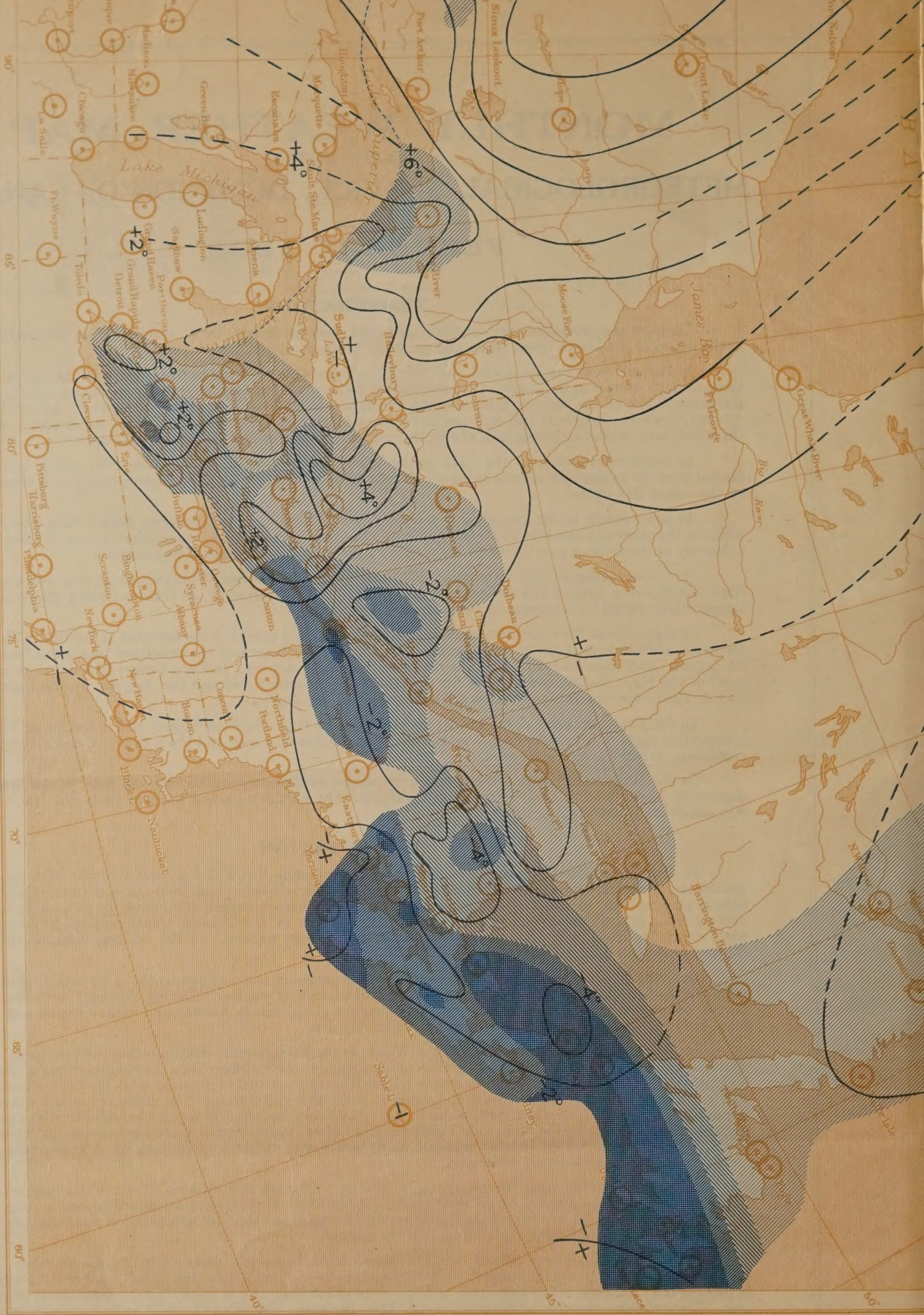
Birtle.....	43°	-22°	0.1		14°	10	Graysville.....	43°	-15°				0
Brandon.....	45°	-27°	0.2	130	13°	6	Morden.....	45°	-13°	0.1	124	21°	
Forrest.....	39°	-26°	0.1		13°		Morris.....	41°	-20°			20°	T
Hamiota.....	44°	-30°			13°		Sprague.....	42°	-28°	0.1		15°	
Minnedosa.....	41°	-24°	0.6		14°	4	Winnipeg.....	45°	-20°	0.2	132	16°	4
Ninette.....	44°	-23°	0.1		17°		Great Falls.....	44°	-31°	T		13°	
St. Alban's (Treesbank)	44°	-24°	0.2		14°	10½	Pinawa.....	44°	-30°	0.4		13°	
Treherne.....	42°	-18°	T			8	Dauphin.....	46°	-16°	0.3		20°	22
Waskada.....	36°	-25°	0.2			12	Le Pas.....	44°	-28°	0.2	160	13°	

ONTARIO

STATION	H	L	P	I	Tm	Sg	STATION	H	L	P	I	Tm	Sg
<i>Northwestern Ontario</i>							Toronto.....	48°	-5°	2.4	91	22°	21½
Atikokan.....	46°	-43°	0.9		11°		Apsley.....	39°	-29°	1.9		13°	18
Mine Centre.....	42°	-36°	0.7		11°		Bancroft.....	33°	-28°	1.4		11°	32
Ignace.....	43°	-42°	1.1		10°	42	Fenelon Falls.....			1.8			18
Indian Bay.....	49°	-34°	0.4		14°	18	Haliburton.....	37°	-36°	2.9		12°	22
Kenora.....	45°	-26°	0.4				<i>Southwestern Ontario</i>						
Sioux Lookout.....	42°	-38°	0.7		11°	20	Barrie.....	42°	-15°	1.9	101	16°	14
Dona.....			0.8				Beatrice.....	36°	-28°	1.7		13°	24
Kakabeka Falls.....	45°	-36°	0.6		10°	28½	Beeton.....	45°	-8°	1.4		20°	
Longlac.....	35°	-35°	0.4		11°	27	Collingwood.....	43°	-16°	1.8		19°	18½
Port Arthur.....	50°	-19°	0.3		16°	11	Eugenia.....			1.9			
Quorn.....	45°	-43°	0.7		7°	22	Gravenhurst.....	38°	-20°	2.4		16°	24
<i>North Central Ontario</i>							Huntsville.....	36°	-31°	1.9		15°	10
Franz.....	39°	-40°	1.1		8°	23	Magnatawan.....	36°	-30°	2.9		11°	26
Steep Hill Falls.....	38°	-35°	2.1		10°		Orillia.....	40°	-17°	1.8		14°	13
White River.....	39°	-46°	1.0		4°	27	Owen Sound.....	41°	-8°	1.9		19°	10
Biscotasing.....	36°	-40°	0.4		8°	3½	Parry Sound.....	36°	-22°	1.9		14°	18
Chapleau.....	35°	-37°	0.6		8°	24	Scotia Junction.....	35°	-30°	1.9		13°	21
Ruel.....	34°	-40°			6°	15	Walkerton.....	45°	-30°	2.3		18°	16
Cochrane.....	35°	-28°	0.8	111	7°	24	Washago.....			2.5			14
Haileybury.....	36°	-27°	0.4	122	9°	18	Brucefield.....	39°	-12°	1.0		19°	
Heaslip.....	37°	-42°	0.2		2°		Forest.....	42°	-6°	1.6		22°	
Kapuskasing.....	36°	-37°	0.6	105	5°		Goderich.....	42°	-7°	1.2		22°	12
Timmins.....	35°	-22°	0.6		8°	36	Lucknow.....	40°	-15°	1.8		19°	16
Algonquin Park.....	35°	-35°	1.7		13°	23	Southampton.....	40°	-18°	1.4		18°	10
Crystal Falls.....	36°	-40°	0.8		10°		Chatham.....	44°	-7°	1.8	58	24°	
Madawaska.....	37°	-10°	1.0		10°	24	Delhi.....	42°	-8°	2.8	89	22°	3
Temagami.....	32°	-40°	0.5		6°		Grimsby.....	47°	-1°	2.5		24°	5
Providence Bay.....	37°	-26°	0.6		14°	24	Harrow.....	45°	-4°	2.0	46	26°	T
Rutherfordglan.....	36°	-32°	2.7		9°		Leamington.....	43°	-6°	2.4		24°	2
<i>Southeastern Ontario</i>							Niagara Falls.....	46°	2°	2.5		24°	2
Belleville.....	42°	-21°	2.2	112	18°		Peele Island.....	45°	0°	2.2		26°	0
Brockville.....	42°	-11°	1.6		18°	14	Port Dover.....	45°	0°	3.7		23°	
Campbellford.....			1.8			6	Ridgetown.....	44°	-7°	2.4		24°	0
Clontarf.....	37°	-24°	1.6		13°	28	Rock Chapel.....	44°	-2°	3.6		20°	
Kingston.....	39°	-14°	1.7	108	19°	4	St. Catharines.....	48°	-2°	2.5	62	23°	
Morrisburg.....	39°	-32°	3.2		14°	14	St. Thomas.....	43°	-10°	2.7	90	22°	1
Ottawa.....	38°	-22°	2.2	119	14°	18	Simcoe.....	47°	-5°	2.8		24°	
Ottawa (Exp. Farm).....	36°	-27°	2.3	108	11°	14	Wallaceburg.....	45°	-6°	1.2		24°	2
Pembroke.....	35°	-26°	1.5		12°	18	Alton.....	40°	-14°	2.4		15°	4
Pictou.....	40°	-18°	1.2		18°	3	Brantford.....	43°	-9°	2.7		21°	3
Renfrew.....	34°	-32°	2.3		8°		Grand Valley.....	38°	-24°	1.2		16°	
Trenton.....	42°	-20°	2.6		19°		London.....	41°	-8°	3.5		20°	
Agincourt.....	43°	-8°	2.1		20°	3	Mount Forest.....	53°	-7°	2.5		16°	13
Georgetown.....	44°	-14°	2.0		18°		Paris.....	45°	-8°	3.2		22°	3½
Orono.....	43°	-9°	2.3		18°	8	Stratford.....	44°	-8°	2.8		20°	7
							Woodstock.....	41°	-8°	2.8	88	20°	5

QUEBEC

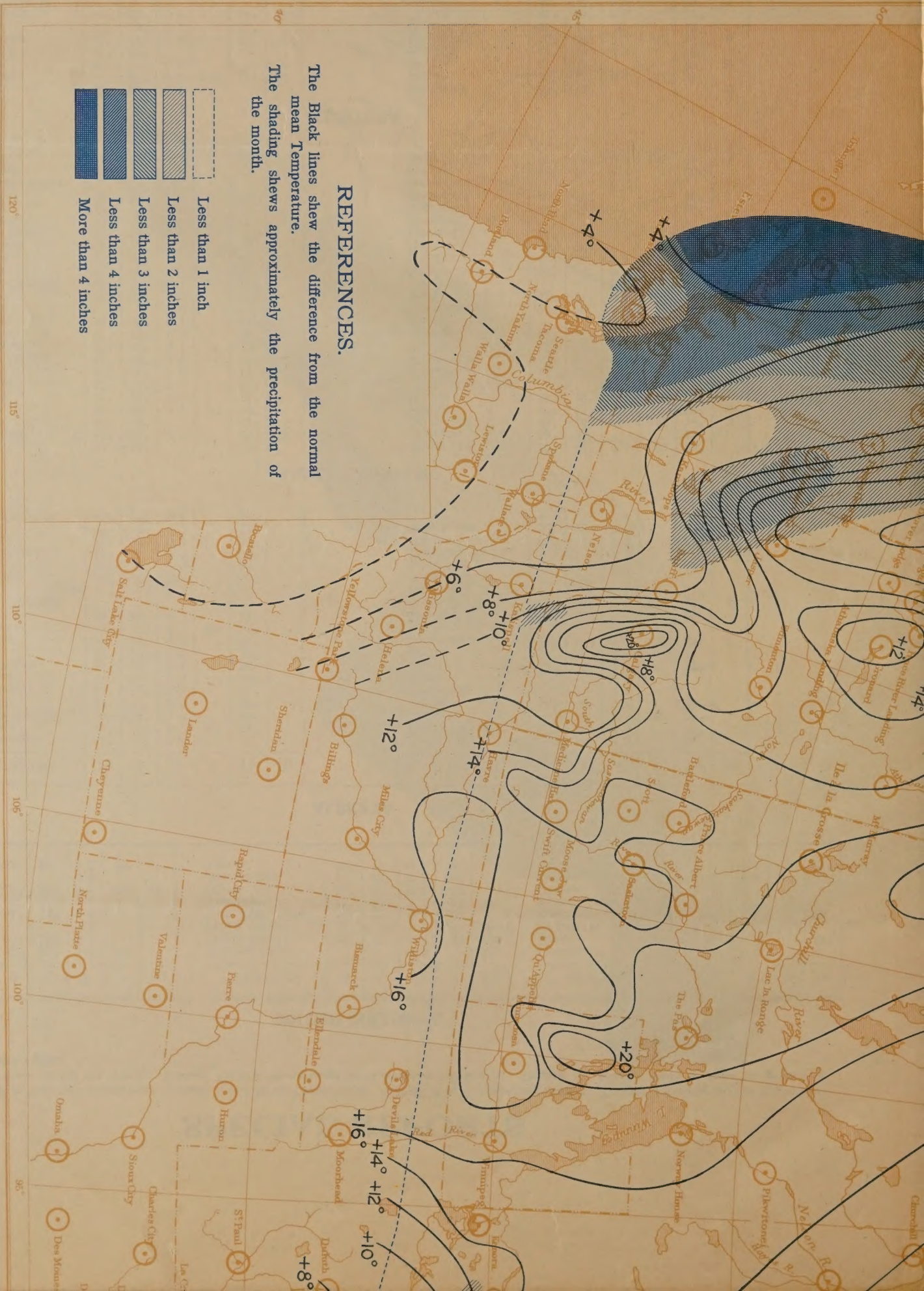
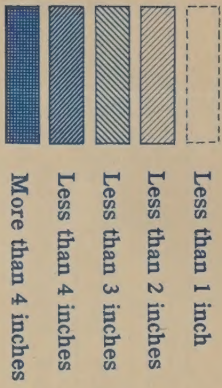
Bell Falls.....			2.6				Sorel.....	35°	-35°	2.7		8°	22
Brome.....	39°	-26°	2.6		12°	15	Albanel.....	35°	-30°	0.6	132	3°	
Cantic.....	42°	-18°	2.3		13°		Ile Maligne.....	31°	-29°	2.0		0°	
Cap Rouge.....	36°	-17°	1.6	83	11°	34	Portage des Roches.....	30°	-28°	2.2		1°	
Cedars.....	35°	-12°	3.4		13°	32	Roberval.....	31°	-23°	1.2		1°	
D'Israeli.....	40°	-16°	3.7		15°		Rigole.....	42°	-34°	2.0		4°	42
Donnacona.....	35°	-26°	2.8		8°		Manouan.....	33°	-31°	1.1		4°	26
Drummondville.....	33°	-25°	3.6		7°	13	Rapide Blanc.....	32°	-47°	1.0		-3°	44
Farnham.....	35°	-20°	3.1	95	12°		Amos.....	34°	-40°	0.5		0°	
Hemmings Falls.....	33°	-27°	3.3		10°		Dolbeau.....	34°	-35°	0.4		1°	24
High Falls.....	34°	-29°	2.6		11°		Doucet.....	32°	-50°	1.4	139	1°	24
Huberdeau.....	35°	-24°	2.8		9°	22	La Ferme.....	34°	-33°	0.4	131	2°	28
Joliette.....	37°	-22°	1.7		10°	30	Timiskaming.....	36°	-19°	1.2		13°	
Lennoxville.....	39°	-28°	3.3	71	12°	18	Ville Marie.....	40°	-30°	0.5		8°	
Macdonald College.....	36°	-17°	2.4		14°		Anticosti S.W. Pt.....			1.0		10°	
Maniwaki.....	35°	-28°	1.3	143	10°	19	Armagh.....	34°	-21°	1.7		11°	
Mercier Dam.....	32°	-22°	1.4		9°		Bicquette.....	35°	-11°	1.5		11°	
Montreal.....	36°	-6°	2.3	82	16°	14	Cap Chat.....	34°	-14°	1.8		12°	40
Quebec.....	36°	-12°	2.3	88	11°	38	Causapscal.....	33°	-35°	1.2		15°	
Ste. Agathe des Monts.....	33°	-26°	3.9		8°		Fame Point.....	31°	-10°	1.6		12°	40
St. Charles de Mandeville.....			1.2				Father Point.....			1.0		10°	36
St. Gabriel de Brandon.....			2.8				Gaspé.....	37°	-25°	0.6		10°	
St. Hyacinthe.....	36°	-15°	4.4		12°	17	Grindstone Island.....	35°	-13°	4.8		11°	47
St. Joachim.....	34°	-17°	1.5	140	10°	30	Harrington Harbour.....			1.2		8°	17
St. Laurent.....	35°	-16°	2.6		13°		Natashkwan.....	23°	-32°	0.3		3°	25
St. Lin.....	37°	-25°	2.2		8°	27	Port Daniel.....	33°	-25°	1.2		10°	
St. Tite.....	36°	-27°	2.3		4°	60	Price.....	34°	-20°	1.4		8°	14½
Shawinigan Falls.....	36°	-28°	1.6		6°		Ste. Anne de la Pocatiere.....	36°	-14°	2.2	109	10°	
Sherbrooke.....	38°	-22°	2.7	82°	14°	13	St. Jules de Cascapedia.....	26°	-6°	1.7		9°	
							Ste. Rose.....	35°	-27°	1.8		7°	



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REFERENCES.

The Black lines shew the difference from the normal mean Temperature.
The shading shews approximately the precipitation of the month.



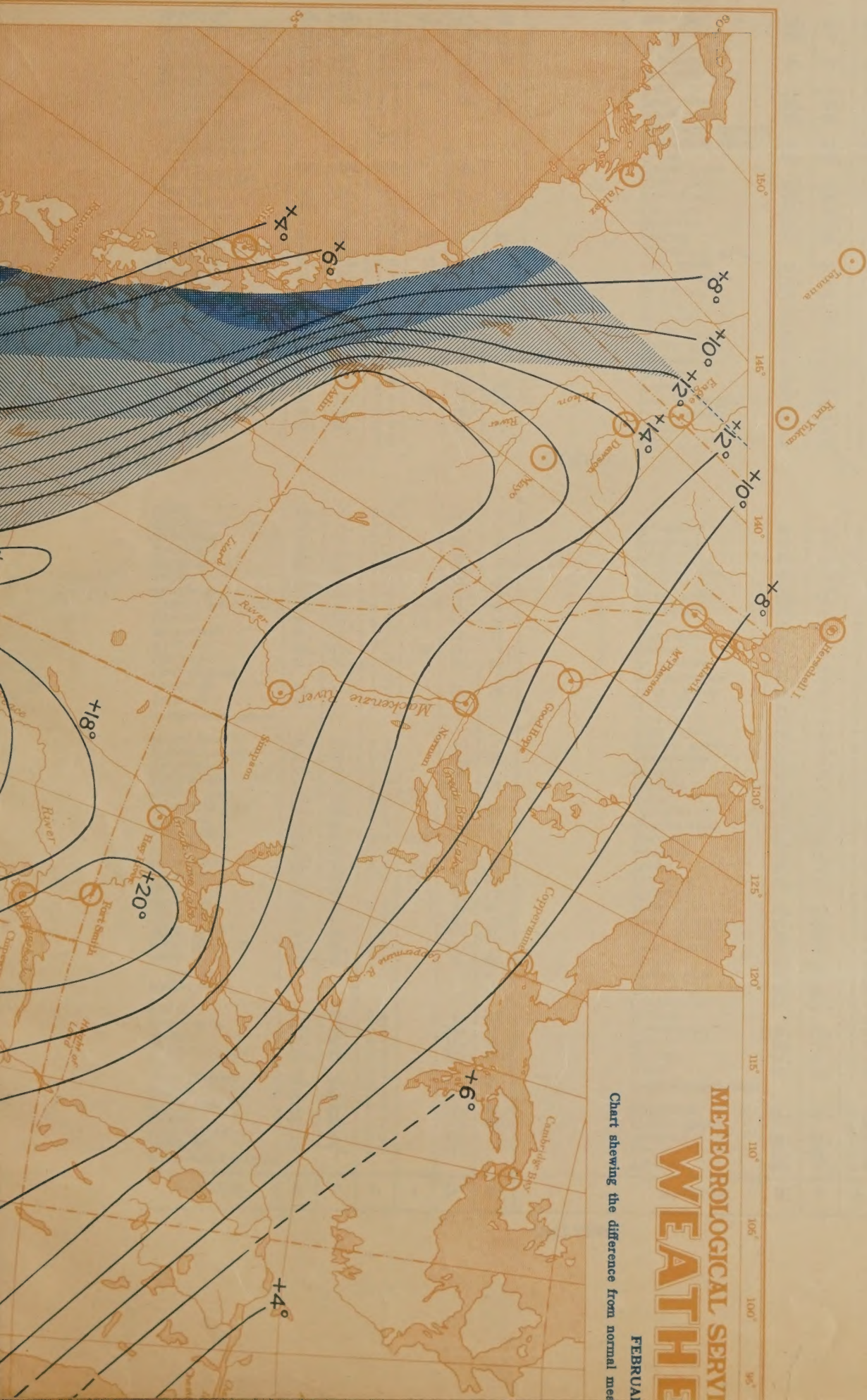


Chart shewing the difference from normal mean

ATLANTIC PROVINCES

STATION	H	L	P	I	Tm	Sg	STATION	H	L	P	I	Tm	Sg
Aroostook.....	38°	-32°	2.3		5°	28	Sussex.....	45°	-32°	3.1		13°	30
Bathurst.....	33°	-21°	2.0		12°	40	St. George.....	44°	-11°	3.3		15°	
Chatham.....	37°	-32°	2.2		10°	22	Saint John.....	43°	-11°	3.3	128	18°	18
Chipman.....	35°	-43°	4.0		7°		Woodstock.....	40°	-32°	1.6		10°	56
Edmundston.....	32°	-28°	2.7		7°		Annapolis Royal...	44°	1°	3.7	90	22°	
Fredericton.....	39°	-20°	2.1	115	11°	38	Digby.....	39°	5°	4.2		23°	18
Fredericton (Exp. Farm).....	40°	-20°	2.7	116	13°		Halifax.....	40°	-2°	3.6		21°	
Grand Falls.....	35°	-30°	2.8		5°	54	Kentville Exp. Farm	47°	-14°	3.1	97	18°	12
Harvey.....	38°	-19°	4.1		11°		Liverpool.....	45°	-18°	4.5		24°	7
Moncton.....	39°	-27°	2.6		10°	30	Nappan.....	42°	-27°	3.0	105	12°	
Musquash.....	44°	-19°	4.8		15°	30	St. Paul Island.....			5.3		14°	
McAdam Junction..	38°	-17°	3.3		12°		Sydney.....	40°	-12°	3.7		18°	30
Nepisiquit Falls...	40°	-35°	2.8		10°		Upper Stewiacke...	42°	-20°	4.5		16°	21
Richibucto.....	36°	-30°	2.8		8°	48	Wolfville.....	46°	-9°	3.2	104	20°	8
Sackville.....	42°	-17°	3.6		16°		Yarmouth.....	43°	6°	4.6		26°	10
							Charlottetown.....	40°	-13°	4.5	111	14°	14

NEWFOUNDLAND

Cape Race.....			5.2		23°	24	Millertown Junction	37°	-18°	1.5		9°	36
Cartwright.....	25°	-23°	16.0		10°	16	St. George's.....	39°	-11°	5.6		14°	24
Fogo.....	41°	-10°	5.5		15°	48	St. John's.....	51°	-8°	5.2		21°	24
Grand Banks.....	42°	-2°	4.5		23°	12							